


NOTES:

1. WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
2. THIS IS A UHV PART. ELECTRO-POLISHING IS NEEDED. THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN, BEFORE ELECTRO-POLISHING.
3. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
5. SURFACE ROUGHNESS

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION				MATERIAL / SPEC		QTY
PARTS LIST								
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER		THIS DRAWING IS THE PROPERTY OF				
TOLERANCES		A2414900		 ARGONNE NATIONAL LABORATORY				
DECIMALS	ANGULAR							
.X - .03	- .25							
.XX - .01								
.XXX - .005								
SURFACE ROUGHNESS		63						
REMOVE ALL BURRS AND BREAK SHARP EDGES (J43A).								
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1								
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5								
DO NOT SCALE DRAWING								
DRAWN BY R. KRAKORA		DATE 5/5/96	CHIEF DESIGN ENGINEER D.SHU		DATE 6/24/96	TITLE		
CHECKED BY J.CHANG		6/18/96	GP LEADER T.M.KUZAY		6/26/96	ADVANCED PHOTON SOURCE Y3-30 MIRROR MOUNTS ASSEMBLY FOR SRICAT 2-BM-A 1200mm MIRROR SUPPORT BRACKET		
DESIGNER KRAKORA/CHANG		5/5/96	PROJECT MGR.					
RESPONSIBLE ENGINEER J.CHANG		6/18/96	APPROVED/RELEASED					
MATERIAL		#14 GA. (.080) 304 SST		SCALE 1:1		SIZE C	DRAWING NUMBER P4105091203-300002-00	
				SHEET 1-1				